

<b>X6A SAFETY CHECKLIST</b>			BROOKHAVEN NATIONAL LABORATORY NATIONAL SYNCHROTRON LIGHT SOURCE
<b>Rev: C</b>	<b>Effective: 5/6/2010</b>	<b>Page 1 of 1</b>	Number: LS-SCL-0013
Prepared by: Philip Marino		Reviewed by: P. Marino	<b>Approved by: B. Chmiel</b>

Original signatures on file.

The only official copy of this file is the one on-line in the NSLS Quality Assurance website. Before using a printed copy, verify that it is the most current version by checking the document effective date on the NSLS QA website.

1. Valid Padlock Index and log, no padlocks open

**CHECKPOINTS 2-14 ARE LOCATED ON THE X7 SIDE OF THE BEAMLINE**

- 2. Exclusion Zone (EZ #1) between shield wall to Bremsstrahlung shield (BS #1) As per photo 1
- 3. Bremsstrahlung shield (BS #1) in place and secure as per photo 1.
- 4. White beam positioner wrapped in lead as per photo 1.
- 5. White beam slits wrapped in lead as per photo 2.
- 6. Monochromator covered in lead, View port (VP #1) covered with lead glass and secured, Electrical feed through (EF #1) covered with lead and secured, as per photo 2.
- 7. Lead Exclusion Zone (EZ #2) in place and secured
- 8. View port (VP #2) covered with lead and secured. Located on mirror tank.
- 9. View port (VP #3) covered with lead and secured. Located on mirror tank.
- 10. Bremsstrahlung shield (BS #2) in place and secured. as per photo 3.
- 11. Phosphor Screen tank wrapped in lead. View port (VP #4) covered in lead and secured as per photo 3.
- 12. Lead Exclusion Zone (EZ #3) in place and secured
- 13. Photon shutter buried inside lead bricks in place and secured as per photo 4.
- 14. Bremsstrahlung shield (BS # 3) in place and banded as per photo 4.

**CHECKPOINT 15 IS LOCATED INSIDE OF THE X6A HUTCH**

15. Beam stop secured and in place inside the experimental hutch as per photo 5.

OPCO / Beamline Staff: \_\_\_\_\_ Date: \_\_\_\_\_

**USER INTERLOCK**

- A. User interlock lights all green. Located outside on the back wall of X6B experimental hutch.

Beamline Rep.: \_\_\_\_\_ Date: \_\_\_\_\_